

Title (en)
Quick coupling system for the heald frames of a loom

Title (de)
Schnellkupplung für die Schäfte einer Webmaschine

Title (fr)
Système d'accouplement rapide pour les cadres d'un métier à tisser

Publication
EP 0699788 A1 19960306 (EN)

Application
EP 95112112 A 19950802

Priority
IT MI941788 A 19940830

Abstract (en)
System for rapidly coupling the heald frames (1-5) of a loom to their respective bell cranks (6,7), comprising a flexible tie-rod (10,11) for each bell crank (6,7), to which the tie-rod (10,11) is hinged at its bottom portion, and, at its top portion, is provided with a head (14) suitable for entering the groove (15) of a guide means (16,17) provided with a stop (18) or stroke limit shoulder for said entering, inside which it becomes locked, which is fastened under the relevant heald frame (1-5), with means being provided for locking said flexible tie-rod (10,11) in its position inside said groove, as well as for actuating two tilting jaws (22,23,24,25) suitable for keeping in a rigid, perfectly vertical position, the set of flexible tie-rods (10,11) during the heald frame assembly or disassembly step; furthermore, preferred embodiments and a variant of the invention are disclosed. <MATH>

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D03C 9/00

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Citation (search report)

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EP 0699788 A1 19960306; CN 1042047 C 19990210; CN 1118389 A 19960313; IT 1275085 B 19970730; IT MI941788 A0 19940830; IT MI941788 A1 19960301; JP H08109538 A 19960430; RU 2105090 C1 19980220; US 5666997 A 19970916

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